

Rabbit anti-Mouse Epc1 Polyclonal Antibody | anti-Epc1 antibody

Mouse Epc1 Antibody (Center)

CATALOG # AAA283802	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS ELISA, Western Blot
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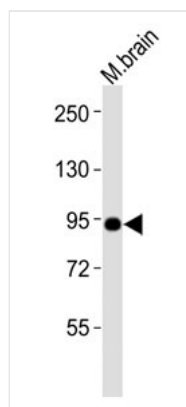
PRODUCT SYNONYMS

Epc1; Polyclonal Antibody; Mouse Epc1 Antibody (Center); Enhancer of polycomb homolog 1; anti-Epc1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Epc1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 425-460 amino acids from the Central region of Mouse Epc1.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Applicable Applications for anti-Epc1 antibody	ELISA, WB (Western Blot)
Clone Names	RB51001
Cellular Location	Nucleus.
Tissue Location	Expressed in adult brain, heart, kidney, liver, lung, skeletal muscle and testis.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Anti-Mouse Epc1 Antibody (Center) at 1:2000 dilution + mouse brain lysates. Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 90 kDa. Blocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-Epc1 antibody	Component of the NuA4 histone acetyltransferase (HAT) complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histones H4 and H2A. This modification may both alter nucleosome - DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. This complex may be required for the activation of transcriptional programs associated with oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, apoptosis, and DNA repair. NuA4 may also play a direct role in DNA repair when directly recruited to sites of DNA damage (By similarity).
References	Stankunas K.,et al.Development 125:4055-4066(1998). Carninci P.,et al.Science 309:1559-1563(2005).

NCBI AND UNIPROT INFORMATION

NCBI GI #	444741695
NCBI GeneID	13831
NCBI Accession #	NP_001263279.1
NCBI GenBank Nucleotide #	NM_001276350.1
UniProt Accession #	Q8C9X6; Q9Z299; B2RRY2
Molecular Weight	90411
NCBI Official Full Name	enhancer of polycomb homolog 1 isoform 3
NCBI Official Synonym Full Names	enhancer of polycomb homolog 1 (Drosophila)
NCBI Official Symbol	Epc1
NCBI Official Synonym Symbols	mir-1893; 2400007E14Rik; 5730566F07Rik; A930032N02Rik
NCBI Protein Information	enhancer of polycomb homolog 1
UniProt Protein Name	Enhancer of polycomb homolog 1
UniProt Gene Name	Epc1
UniProt Entry Name	EPC1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.